

Title (en)

Lifting vehicle having telescopic arms for transfer of loads

Title (de)

Hubfahrzeug mit teleskopischen Auslegern zum Umschlag von Lasten

Title (fr)

Véhicule élévateur avec des flèches télescopiques pour le transbordement de charges

Publication

EP 1384698 A1 20040128 (EN)

Application

EP 03425440 A 20030703

Priority

IT MO20020209 A 20020723

Abstract (en)

The apparatus comprises a first telescopic arm (2), exhibiting a lower portion (2a) rotatably constrained to a first horizontal hinge axis (3), a first motor (8) for rotating the first telescopic arm (2); a second telescopic arm (10) rotatably constrained to an upper portion (2b) of the first telescopic arm (2) which upper portion (2b) is aligned with a longitudinal axis of the first telescopic arm (2) at a second horizontal hinge axis (13); a terminal load support group (11) for a load (12) mounted on the second telescopic arm (10) and a second motor (14) for rotating the second telescopic arm (10). <IMAGE>

IPC 1-7

B66F 9/065; **B66F 9/24**

IPC 8 full level

B66F 9/065 (2006.01); **B66F 9/24** (2006.01)

CPC (source: EP US)

B66F 9/0655 (2013.01 - EP US); **B66F 9/24** (2013.01 - EP US)

Citation (search report)

- [XY] EP 0978472 A2 20000209 - GROVE US LLC [US]
- [X] EP 0410082 A1 19910130 - KIDDE IND INC [US]
- [Y] US 6374153 B1 20020416 - BRANDT EVERETT G [US], et al
- [Y] EP 0397076 A1 19901114 - VICKERS INC [US]
- [X] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 25 12 April 2001 (2001-04-12)
- [XY] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 25 12 April 2001 (2001-04-12)

Cited by

ITPI20090129A1; US9045320B2; WO2011048543A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1384698 A1 20040128; **EP 1384698 B1 20060405**; AT E322456 T1 20060415; DE 60304404 D1 20060518; DE 60304404 T2 20061109; ES 2260596 T3 20061101; IT MO20020209 A0 20020723; IT MO20020209 A1 20040123; US 2004210342 A1 20041021

DOCDB simple family (application)

EP 03425440 A 20030703; AT 03425440 T 20030703; DE 60304404 T 20030703; ES 03425440 T 20030703; IT MO20020209 A 20020723; US 62350103 A 20030722